

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application No. 10/531,145

Confirmation No. 7496

Applicant: Liu et al.

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Examiner: Shin Lin Chen

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Customer No.: 45733

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DECLARATION UNDER 37 C.F.R. 1.132 OF DR. KE LIU


1. I am a co-inventor of the above-captioned application, along with Steven A. Rosenberg.
2. TILs are T cells that are located in tumors. PBMCs by definition are a mixed population of white blood cells, including, for example, CD8⁺ T cells, CD4⁺ T cells, B cells, and natural killer cells, found in peripheral blood. Based upon my knowledge, TILs are not considered as lymphocytes of PBMCs.
3. Based upon my knowledge, the methodology used to isolate TILs from a patient involves an invasive surgical procedure on the patient, whereas the methods used to obtain PBMCs from a patient involve a simple blood draw or leukapheresis of the patient.

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4. I hereby declare that all statements made herein of my own knowledge are true, that all statements made on information and belief are believed to be true, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date:

12-18-07



Ke Liu, M.D., Ph.D.

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